
PDX Data Sheet for COG-N-519x

Disease: Neuroblastoma
Phase of Therapy: Post-Chemotherapy (Progressive Disease), Post-mortem
Treatment: ANBL00B1 (Chemotherapy, Surgery)
Disease Stage: 4
Gender: Male
Age at diagnosis: 25 months
Race: NA
Age at sample collection: 57.7 months
Source of culture: Blood (autopsy) January 2014
Primary tumor site: C74.9: Adrenal gland, NOS
Date Established: March 2014

MYCN Patient: NA
MYCN PDX: Relative copy number – 243 copies
TH mRNA: Expressed
p53 functionality: NA
Telomere Mechanism: TERT+++ , C-circle negative
ALK: Wild Type

PDX RNAseq: Available upon request
PDX WES: Available upon request
Strain of Mice: NSG or Athymic NuNu (recommended)
Injection Type: Subcutaneous
Growth Properties: 10e6 cells minimum, 2 months to 1500mm³
 Please see Protocols section at
<https://www.cccells.org/protocols.php>

Human vs. Mouse: This PDX model has been tested and confirmed over multiple passages to be above 98% human cells.

STR Profile: May be obtained at <https://strdb.cccells.org/>

Notes: The Childhood Cancer Repository has a matching direct-to-culture cell line available from this same patient – COG-N-519. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O₂ and 2% O₂ available from this same patient – COG-N-519h and COG-N-519h2.

h-IMPACT Profile I IDEXX: PCR evaluation of EBV, HAAdV, Hantaan, HCMV, Hepatitis A, Hepatitis B, Hepatitis C, HHV 6, HHV8, HIV1, HIV2, HSV 1, HSV 2, HTLV 1, HTLV2, LCMV, Mycoplasma sp., Seoul, Sin Nombre, VZV were all negative.



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Cell Line Name: COG-N-519x

References:

1. J. L. Harenza, M. A. Diamond, R. N. Adams, M. M. Song, H. L. Davidson, L. S. Hart, M. H. Dent, P. Fortina, C. P. Reynolds, J. M. Maris, Transcriptomic profiling of 39 commonly-used neuroblastoma cell lines. *Sci Data*. 2017;4:170033. PMID: 28350380
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5369315/>



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PDX Name: COG-N-519x

H&E slides

FINAL REPORT OF LABORATORY EXAMINATION

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IDEXX BioResearch Case # 12843-2014

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Completed: 5/13/2014**

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Specimen Description

Species: Human
Description: Neuroblastoma PDX Models
Number of Specimens/Animals: 3
Building/Facility: Ca
Area: Cell Line and PDX Core

Purchase Order #: CC004Davidson

ID	Client ID	Investigator	Room #	Strain	Date Placed		
1	COG-N-480x	Dr. Reynolds	4C215	NSG Mouse	9/20/2013	p1m1	2e6 cell pellet
2	COG-N-496x	Dr. Reynolds	4C215	NSG Mouse	1/15/2014	p1m1	2e6 cell pellet
3	COG-N-519x	Dr. Reynolds	4C215	NSG Mouse	4/1/2014	p1m2	2e6 cell pellet

Services/Tests Performed: h-IMPACT Profile I

PCR evaluation for: EBV, HAdV, Hantaan, HCMV, Hepatitis A, Hepatitis B, Hepatitis C, HHV 6, HHV 8, HIV1, HIV2, HSV 1, HSV 2, HTLV 1, HTLV 2, LCMV, *Mycoplasma* sp., Seoul, Sin Nombre, VZV

Summary: All test results were negative.

PCR EVALUATION

cells	1	2	3
EBV	-	-	-
HAdV	-	-	-
HCMV	-	-	-
Hepatitis A	-	-	-
Hepatitis B	-	-	-
Hepatitis C	-	-	-
HHV 6	-	-	-
HHV 8	-	-	-
HIV1	-	-	-
HIV2	-	-	-
HSV 1	-	-	-
HSV 2	-	-	-
HTLV 1	-	-	-
HTLV 2	-	-	-
VZV	-	-	-
Hantaan	-	-	-
LCMV	-	-	-
<i>Mycoplasma</i> sp.	-	-	-
Seoul	-	-	-
Sin Nombre	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed wps = weak positive